

# Recombinant Human IRF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** IRF3-4151H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

IRF3 MS Standard C13 and N15-labeled recombinant protein (NP\_001562) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### Molecular Mass

47.2 kDa

### AA Sequence

MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRIPWKHGLRQDAQQEDFGIFQA  
 WAEATGAYVPGRDKPDLPTWKRNFERSALNRKEGLRLAEDRSKDPHDPHKIYEFVN  
 SGVGDFSQPDTSPDTNNGGSTSDTQEDILDELLGNMVLAPLPDPGPPSLAVAPEPC  
 PQPLRSPSLDNPTFPNLPSENPLKRLLVPGEEWEFEVTA FYRGRQVFQQTISCP  
 EGLRLVGSEVGDRTLPGWPVTLDPGMSLTD RGVMSYVRHVL SCLGGGLALWRA  
 GQWLWAQRLGHCHTYWAVSEELLNSGHGPDGEV PKDKEGGVFDLGPFFIVDLITF  
 TEGSGRSPRYALWFCVGESWPQDQPWTKRLVMKV VPTCLRALVEMARVGGASS

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LENTVDLHISNSHPLSLTSDQYKAYLQDLVEGMDFQGGESTRTRPLEQKLISEEDL  
AANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** IRF3 interferon regulatory factor 3 [ Homo sapiens (human) ]

**Official Symbol** IRF3

**Synonyms** IRF3; interferon regulatory factor 3; IIAE7; interferon regulatory factor 3

**Gene ID** 3661

**mRNA Refseq** NM\_001571

**Protein Refseq** NP\_001562

**MIM** 603734

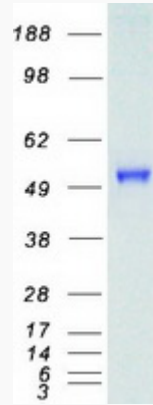
**UniProt ID** Q14653

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SDS-PAGE



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